opening 42 is provided in the lower flange 30 of bracket 29 to provide clearance for the bushing end of link 33 when tray 14 is moved to the closed, vertical position.

FIG. 6 shows the motion of mechanism 24 when tray 14 is moved from an open to a closed position. In a fully open position, links 32 and 33 are aligned horizontally on dead center at pivot 38. An upward force applied to tray 14 tending to move the tray in the direction of arrow 43 imparts a reaction at bushing 23 tending to rotate link 33 clockwise about pivot 36 in the direction of arrow 44. The force imparting the reaction at bushing 23 is transmitted from tray 14 through bracket 21 (not shown). When pivot 38 is urged off center by the reaction at bushing 23, continued upward motion of tray 14 rotates pivot 36 counterclockwise about pivot 31 and causes pivot 36 to travel along locus 45. Pivot 38 initially moves upward and then descends as the onward motion of pivot 36 causes link 33 to move through the successive positions 1–7. Approximately at position 2, bushing 23 becomes disengaged from slot 22 of bracket 21 and bracket 21, and display panel 25 mounted thereon, is thereafter freely suspended from pivot 18. In the final closed position, tray 14 is vertical and mechanism 24 is disposed in position 7 and as is shown in FIG. 2 in phantom. When the housing is opened, tray 14 moves in the direction opposite that shown in FIG. 6 and the motion of mechanism 24 is reversed, travelling from position 7 to position 1. In the reverse course, bushing 23 becomes re-engaged in slot 22 of bracket 21 approximately at position 2 and continued downward motion of tray 14 causes bracket 21 and display panel 25 to be elevated to the inclined position shown in FIG. 3.

It will be understood that mechanisms 24 and the parts cooperating therewith are provided at both the right and left sides of the housing and that the mechanisms differ from one another only in such respects as may be dictated by their chirality. Obviously, the invention may be practiced otherwise than as specifically disclosed without departing from the spirit and scope of the appended claims.

The invention claimed is:

1. A housing and stowage mechanism for a terminal keyboard and data display panel, comprising

a housing having a generally rectangular body including a back and a face and relatively narrow surrounding sides, said housing being adapted for mounting vertically with the back thereof against a vertical support;

hinge means pivotally securing said housing face to said housing body near the lower edge of said housing face to permit lowering of said face from a closed, vertical position to an open, substantially horizontal position;

means for securing a terminal keyboard to said housing face upon a portion thereof opposite said hinge meand and upon the surface thereof facing said housing back;

means for securing a display panel pivotally to said housing face upon a portion thereof between said keyboard and said hinge means and upon the same surface thereof as said keyboard, said panel securing means being located near the edge of said panel adjacent said keyboard; and

a mechanism linked to said housing face and actuated by motion of said housing face from a closed to an open position for elevating the edge of said display panel opposite said panel securing means above the level of said panel securing means when said housing face is in an open, substantially horizontal position, said mechanism including:

first and second links pivotally joined together at one end of each said link;

means pivotally securing said first link to said housing body at the end thereof opposite said second link;

means pivotally joining said second link to said housing face at a point intermediate the ends of said second link, the end of said second link opposite said first link being free to rotate and translate during lowering of said housing face from a vertical position to a horizontal position; and

means at said opposite end of said second link for engaging said edge of said display panel opposite said panel securing means.

2. Apparatus as claimed in claim 1 wherein said means pivotally joining said second link to said housing face comprises:

a flange extending vertically upward from said housing face near the edge of said face adjacent said housing when said face is in a horizontal position; and

a pivot joint secured to said flange near an edge thereof remote from said face and secured to said second link at said intermediate point thereof.

3. Apparatus as claimed in claim 2 wherein said hinge means includes;

an L-shaped bracket having one leg thereof secured vertically to said back of said housing with the other leg thereof extending horizontally toward said face of said housing; and

pivot means located near the end of said other leg of said bracket for joining said flange to said bracket at a point on said flange adjacent said face of said housing.

4. Apparatus as claimed in claim 3 wherein said means pivotally securing said first link to said housing body comprises:

a pivot joint secured to said end of said first link opposite said second link and secured to said one leg of said bracket near the end of said one leg.

5. Apparatus as claimed in claim 2 wherein said means for engaging said edge of said display panel comprises;

a flanged bushing secured to said opposite end of said second link near the end thereof; and

a panel bracket depending perpendicularly from the plane of said display panel, said panel bracket defining a U-shaped slot extending parallel to the plane of said display panel with the open end of said slot adjacent said edge of said display panel opposite said panel securing means, said panel bracket being located relative to said mechanism so as to enable said flanged bushing to enter and travel in said slot during a portion of the motion of said second link when said housing face is moved from a closed to an open position.

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